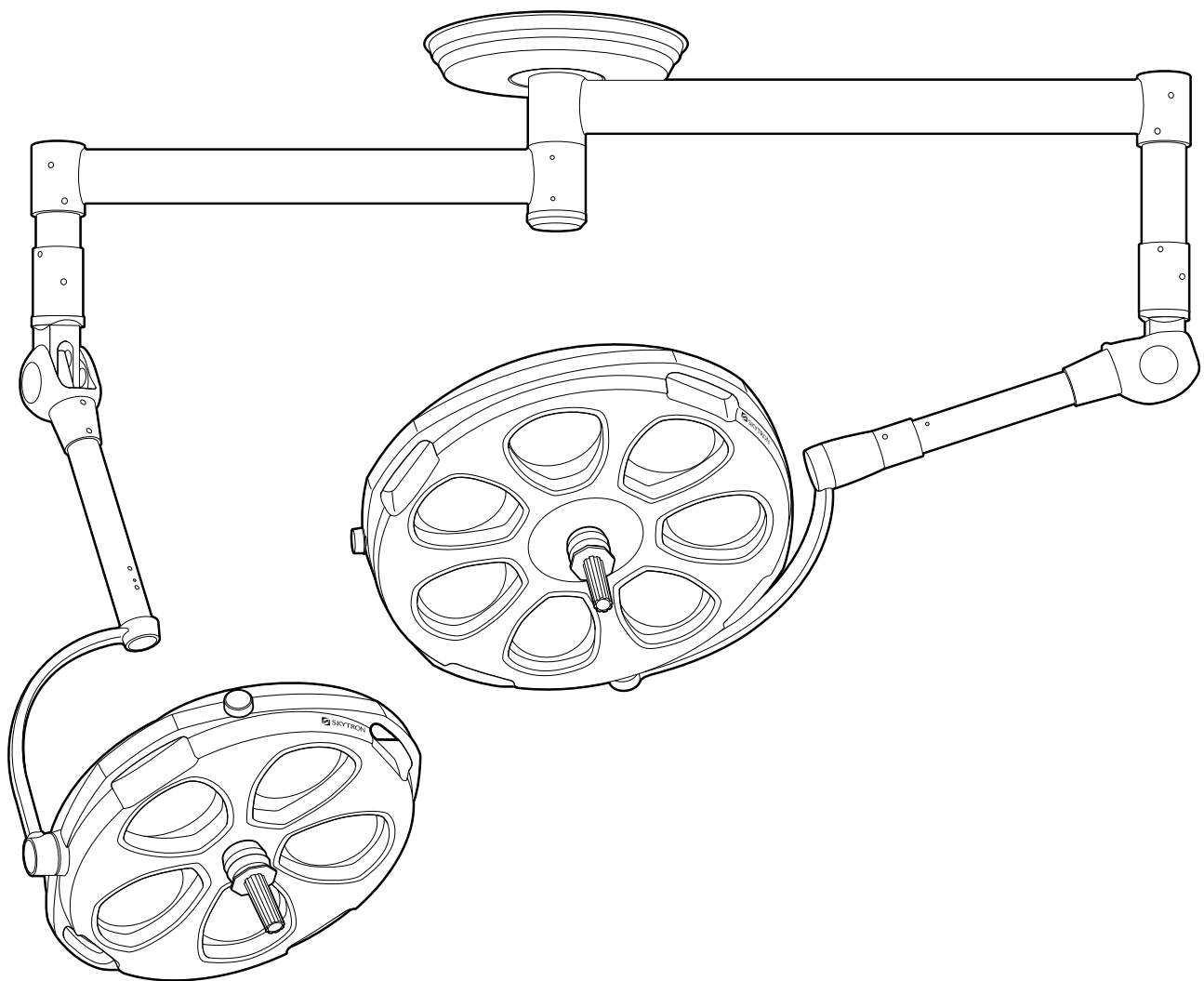




## ***PARTS CATALOG***



# **STELLAR**

## ***SERIES SURGICAL LIGHTS***



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# INTRODUCTION

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This manual contains the exploded views and replacement parts lists for the serviceable components of the SKYTRON STELLAR Series Surgical Lighting fixtures

Each serviceable part in these exploded views is identified by a reference number. Use this number to locate necessary part information in the parts list adjacent to the exploded view.

Always use the complete SKYTRON part number and description when ordering replacement parts.

### Abbreviations

As Required .....	A/R
Optional .....	opt
Serial Number .....	S.N.
Not Shown .....	NS

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Although current at time of publication, SKYTRON's policy of continuous development makes this manual subject to change without notice.

The lighthead Data Label contains the lighthead model number, bulb type, fuse type, electrical specifications and product serial number.

FUSE TYPE

SERIAL NO.

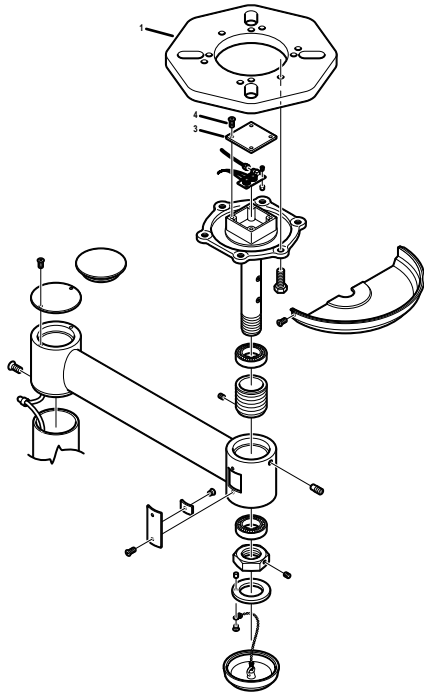
MODEL (CAT. NO.)

 <b>SKYTRON</b> - GRAND RAPIDS, MI			
<b>ELECTRIC RATING</b>		CAT. NO. <input type="text"/>	
INPUT	120V	<input type="text"/>	60Hz
BULB TYPE	H24501	24V	50W
SAFETY FUSE	<input type="text"/>	IPXO	CLASS 1
SERIAL NO.	<input type="text"/>	TYPE B	
DAI-ICHI SHOMEI CO., LTD. TOKYO, JAPAN			

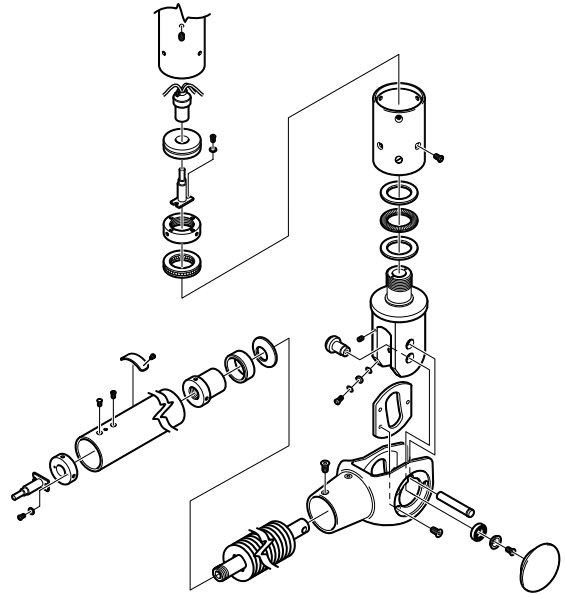
REV 8/05



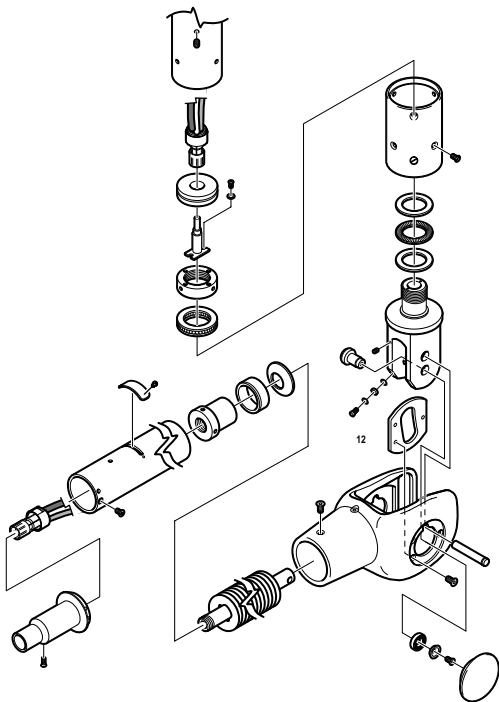
1. Radial Arm Assembly ..... Page 6



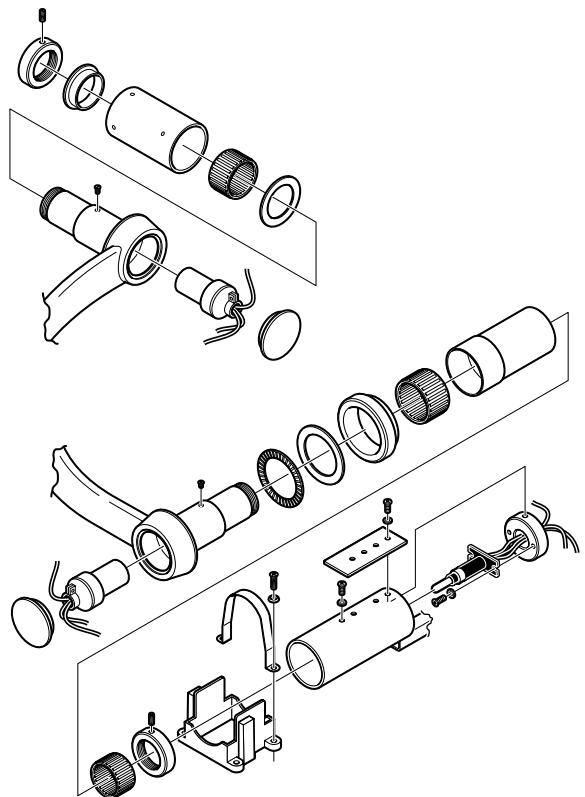
2. Balance Mechanism Assembly - ST23 ..... Page 8



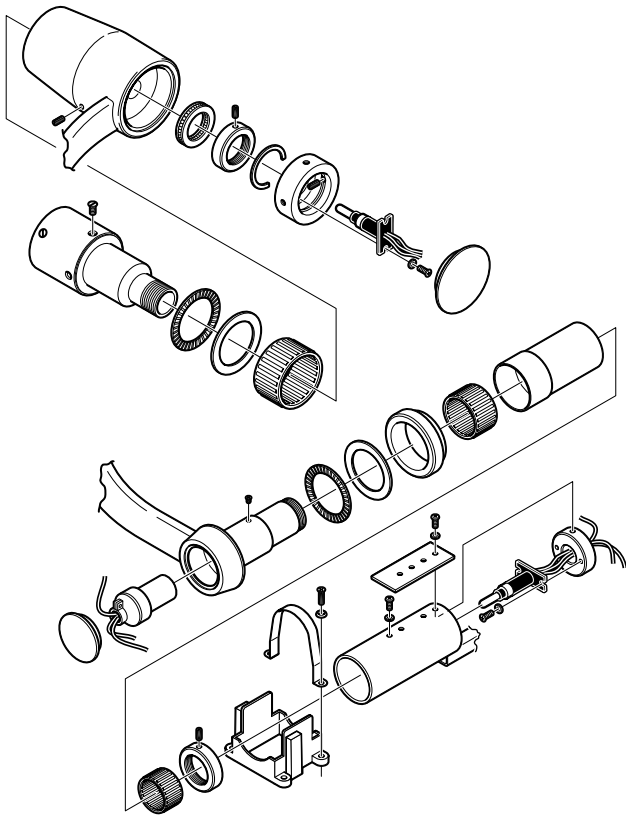
3. Balance Mechanism Assembly - ST29 ..... Page 10



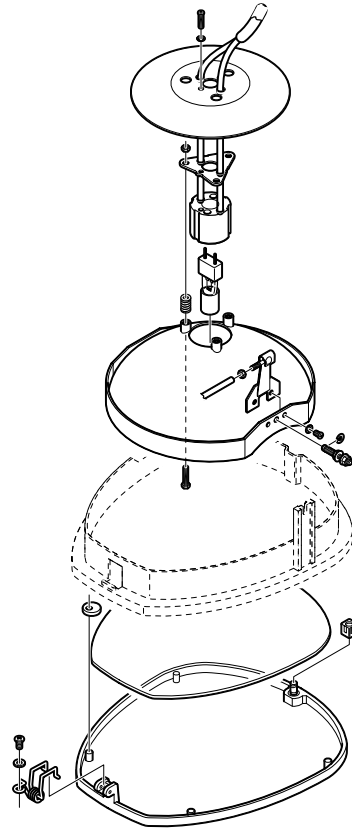
4. Lighthead and Yoke Assembly - ST23 ..... Page 12



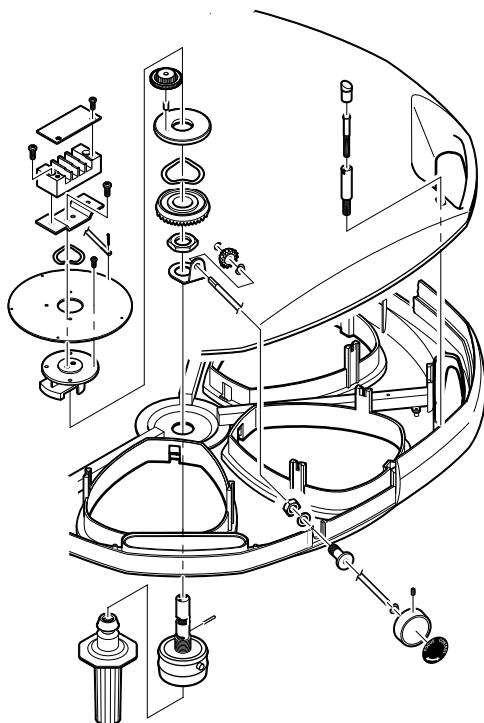
5. Lighthouse Yoke Assembly - ST29 ..... Page 14



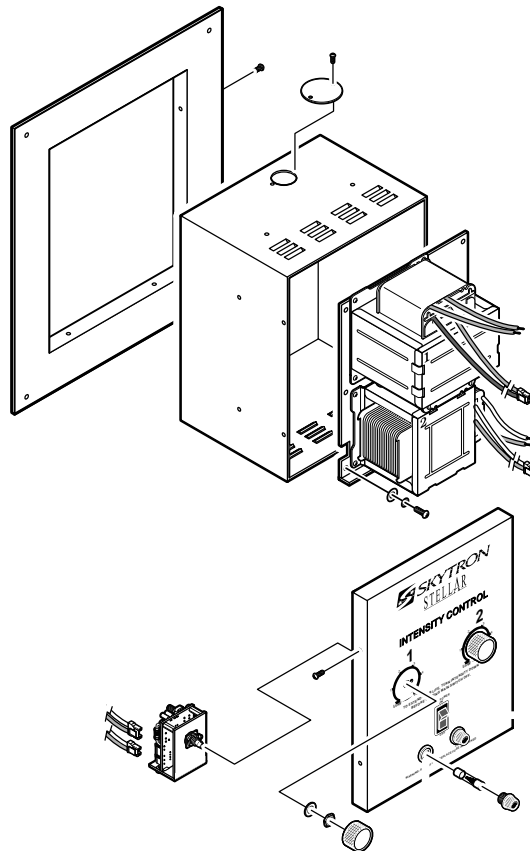
6. Bulb and Reflector Assembly ..... Page 16



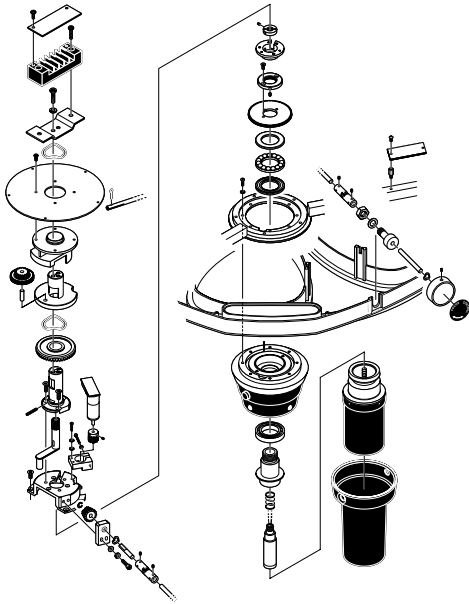
7. Focus Mechanism Assembly ..... Page 18



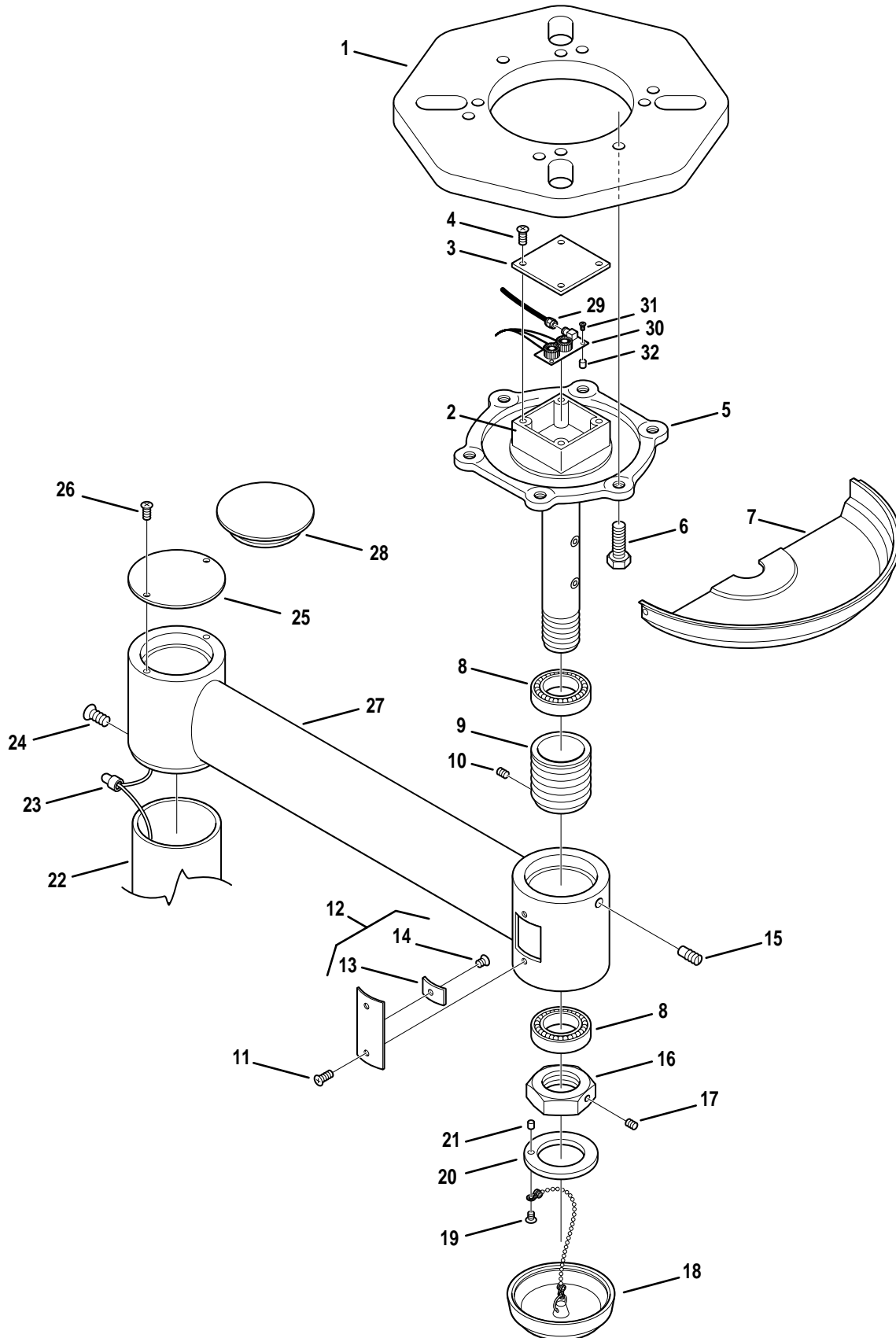
8. Wall Control Assembly ..... Page 20



9. TV Lighthouse Components ..... Page 22



# 1. RADIAL ARM ASSEMBLY

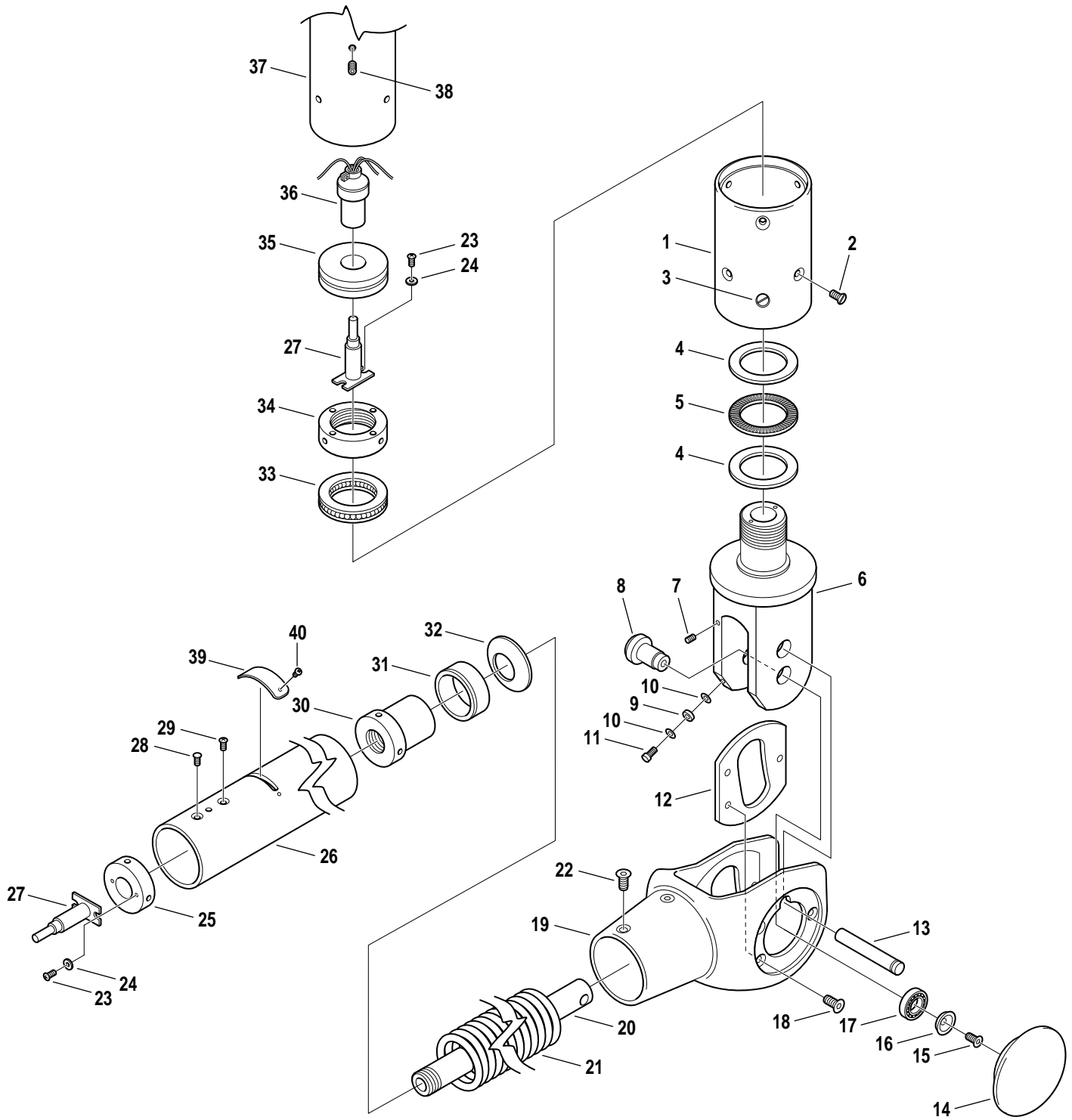




## 1. RADIAL ARM ASSEMBLY

Item	Part No.	Description	Qty.
	B2-410-01	RADIAL ARM ASSEMBLY, ST23, ST29 .....	A/R
	B2-410-02	RADIAL ARM ASSEMBLY, ST2323, ST2923 .....	A/R
	B2-410-03	RADIAL ARM ASSEMBLY, ST232323, ST292323 .....	A/R
1	B2-010-01	STANDARD MOUNTING PLATE .....	1
2	B2-210-06	JUNCTION BOX .....	1
	B1-450-03-1	JUNCTION BOX, TV .....	1
3	B2-210-07	•COVER, junction box .....	1
4	B9-210-23	•SCREW, junction box cover .....	4
5	B2-410-04	SUPPORT HUB, ST23, ST29 .....	A/R
	B1-420-95	SUPPORT HUB, ST23TV, ST29TV .....	A/R
	B2-410-05	SUPPORT HUB, ST2323, ST2923 .....	A/R
	B1-420-96	SUPPORT HUB, ST2323TV, ST2923TV .....	A/R
	B2-410-06	SUPPORT HUB, ST232323, ST292323 .....	A/R
	B1-420-97	SUPPORT HUB, ST232323TV, ST292323TV .....	A/R
6	B2-010-02	MOUNTING BOLT, 1/2-13 .....	6
7	B2-210-31	CEILING COVER .....	1
8	B2-210-11	TAPERED ROLLER BEARING .....	A/R
	B2-210-12	BEARING CUP .....	A/R
9	B2-210-13	SLIP RING .....	A/R
	B1-420-98	SLIP-RING, TV .....	A/R
10	B2-210-14	SET SCREW, slip ring .....	A/R
11	B2-210-18	SCREW, cover mounting .....	A/R
12	B2-310-05	BRUSH BLOCK AND COVER ASSEMBLY, plastic .....	A/R
	B1-420-99	BRUSH BLOCK AND COVER ASSEMBLY, plastic, TV .....	A/R
13	B2-410-07	•BRUSH .....	A/R
	B1-421-01	•BRUSH, TV .....	A/R
14	B2-410-08	•SCREW .....	A/R
15	B2-210-19	BRAKE SCREW .....	A/R
16	B2-210-26	NUT, retainer .....	1
17	B2-210-27	SET SCREW .....	1
18	B2-210-58-1	COVER, hub, with chain .....	1
	B2-210-58	COVER, hub .....	1
19	B2-210-29	SCREW, hub cover retainer .....	2
20	B2-210-57	RETAINER, hub cover .....	1
21	B2-210-56	SPACER .....	2
22	B3-310-01	VERTICAL SUPPORT TUBE .....	A/R
23	--	CONNECTOR, crimp .....	A/R
24	B3-210-12	VST SCREW, M6 x 12 .....	A/R
25	B2-210-24	COVER, receptacle .....	A/R
26	B2-210-25	SCREW, receptacle cover .....	A/R
27	B2-410-09	RADIAL ARM, 35-1/4" .....	A/R
	B1-421-02	RADIAL ARM, 35-1/4", TV .....	A/R
	B2-410-10	RADIAL ARM, 43" .....	A/R
	B1-421-03	RADIAL ARM, 43", TV .....	A/R
	B2-410-11	RADIAL ARM, 50-1/2" .....	A/R
28	B2-410-12	COVER, rubber .....	A/R
29	H7-010-47	CABLE, coaxial, RG59, 50' .....	1
30	B1-420-05	CIRCUIT BOARD, VFB .....	1
31	B2-451-36	SCREW, M4 x 6, phillips, countersunk .....	2
32	B2-451-35	STAND-OFF .....	2

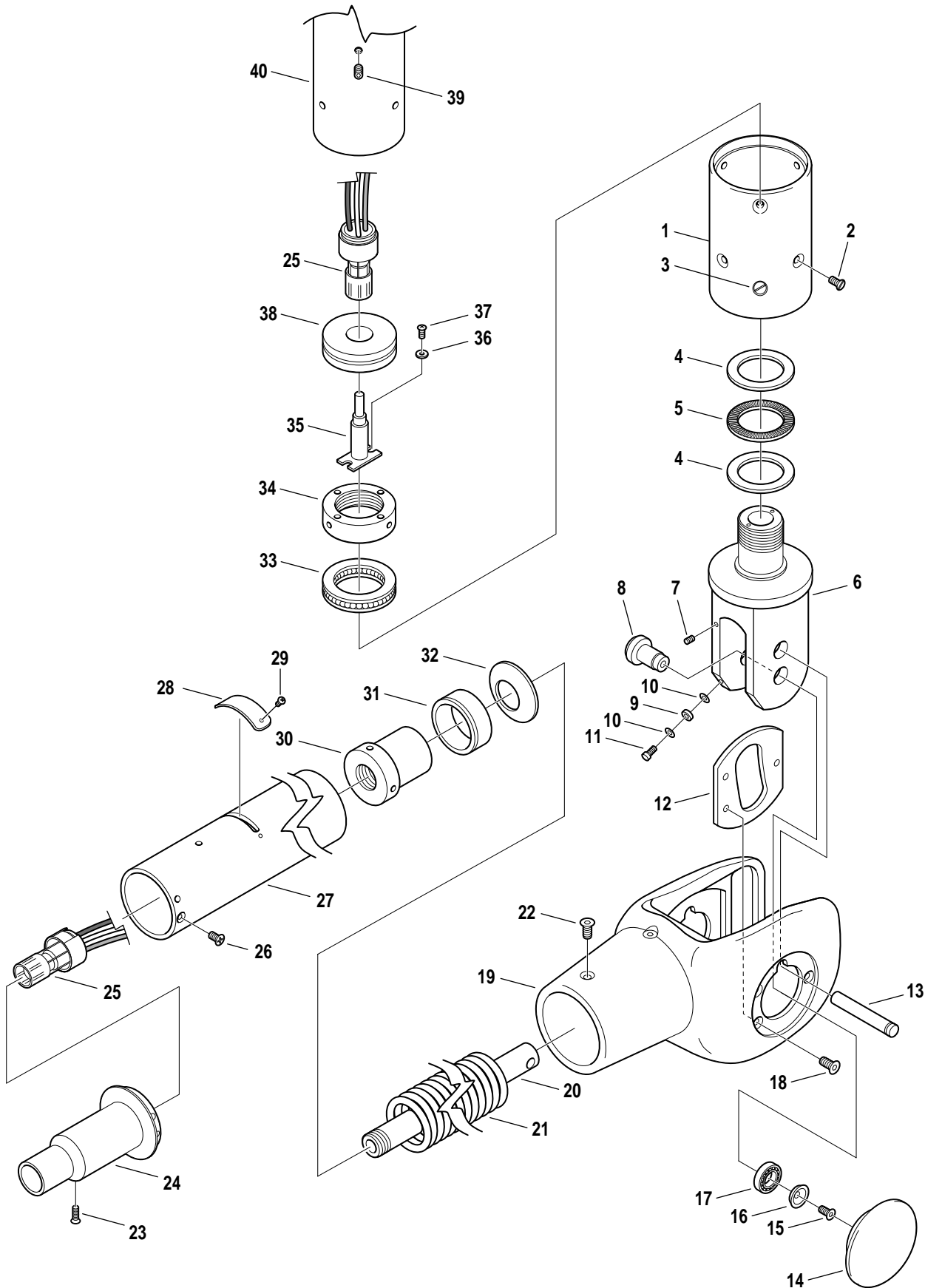
## 2. BALANCE MECHANISM ASSEMBLY MODEL ST23



## 2. BALANCE MECHANISM ASSEMBLY MODEL ST23

Item	Part No.	Description	Qty.
	B3-310-00	BALANCE MECHANISM ASSEMBLY, ST23 .....	A/R
	ST23TV BOM	BALANCE MECHANISM ASSEMBLY, ST23TV .....	A/R
1	B3-210-13	SLEEVE, VST .....	1
2	B3-210-12	VST SCREW, M6 x 12 .....	A/R
3	B3-310-02	PLUG, chrome .....	1
4	B3-210-14	WASHER, needle bearing .....	2
5	B3-210-15	BEARING, needle .....	1
6	B3-310-03	JOINT, upper knuckle .....	1
7	B9-210-82	SCREW, set .....	1
8	B3-210-34	PIN, pivot .....	2
9	B3-210-33	BEARING .....	2
10	B3-210-32	WASHER, bearing .....	4
11	B9-210-81	SCREW, allen head, M5 x 25 .....	2
12	B3-310-14	GUIDE, bearing, right .....	1
	B3-310-15	GUIDE, bearing, left .....	1
13	B3-210-29	PIN .....	1
14	B3-210-28	COVER, side .....	2
15	B9-210-79	SCREW, ctsk. allen head, M5 x 10 .....	2
16	B3-210-30	RETAINER, bearing .....	2
17	B3-210-31	BEARING .....	2
18	B9-210-80	SCREW, ctsk. allen head .....	6
19	B3-310-04	HOUSING, BOM lower .....	1
20	B3-310-05	SHAFT, main spring .....	1
21	B3-410-04	SPRING .....	1
22	B3-310-11	SCREW, ctsk. allen head, M5 x 10 .....	3
23	B9-210-28	SCREW, phillips head, M4 x 8 .....	4
24	B9-210-69	WASHER, M4 .....	4
25	B3-310-16	MOUNT, slip ring .....	1
26	B3-310-07	ARM, yoke support .....	1
27	B3-210-04	SLIP RING .....	1
	B3-410-05	SLIP RING, TV (part of assembly) .....	1
28	B9-310-04	SCREW, phillips head .....	4
29	B9-310-05	SCREW, phillips head .....	1
30	B3-310-08	NUT, spring adjustment .....	1
31	B3-310-09	COLLAR, adjustment nut .....	1
32	B3-310-10	WASHER, spring .....	1
33	B3-210-11	BEARING .....	1
34	B3-310-12	NUT .....	1
35	B3-310-13	MOUNT, brush block .....	1
36	B3-210-05	BRUSH BLOCK .....	1
	B3-410-05	BRUSH BLOCK, TV (part of assembly) .....	1
37	B3-310-01	VERTICAL SUPPORT TUBE .....	1
	B3-410-01	VERTICAL SUPPORT TUBE, TV .....	1
38	B9-310-06	SCREW, set .....	A/R
39	B3-410-02	COVER, adjustment .....	1
40	B3-410-03	SCREW .....	2

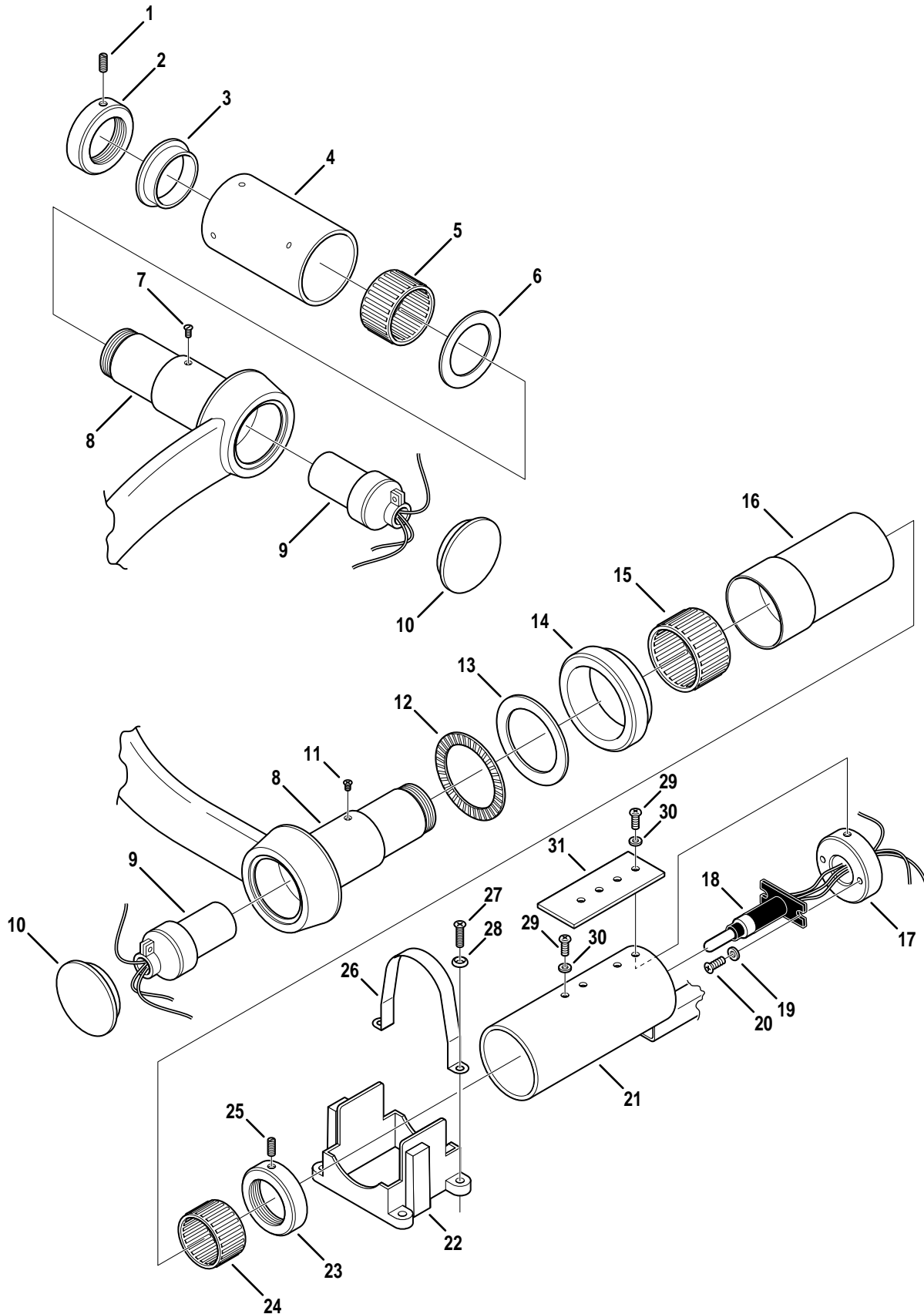
### 3. BALANCE MECHANISM ASSEMBLY MODEL ST29



## 3. BALANCE MECHANISM ASSEMBLY MODEL ST29

Item	Part No.	Description	Qty.
	B3-420-00	BALANCE MECHANISM ASSEMBLY, ST29 .....	A/R
	ST29TV BOM	BALANCE MECHANISM ASSEMBLY, ST29TV .....	A/R
	ST29TV BOM-1	BALANCE MECHANISM ASSEMBLY, ST29TV, S.N. 04010614 & L. ....	A/R
1	B3-210-13	SLEEVE, VST .....	1
2	B3-210-12	VST SCREW, M6 x 12 .....	A/R
3	B3-310-02	PLUG, chrome .....	1
4	B3-210-14	WASHER, needle bearing .....	2
5	B3-210-15	BEARING, needle .....	1
6	B3-420-01	JOINT, upper knuckle .....	1
7	B9-210-82	SCREW, set .....	1
8	B3-210-34	PIN, pivot .....	2
9	B3-210-33	BEARING .....	2
10	B3-210-32	WASHER, bearing .....	4
11	B9-210-81	SCREW, allen head, M5 x 25 .....	2
12	B3-310-14	GUIDE, bearing, right .....	1
	B3-310-15	GUIDE, bearing, left .....	1
13	B3-210-29	PIN .....	1
14	B3-210-28	COVER, side .....	2
15	B9-210-79	SCREW, ctsk. allen head, M5 x 10 .....	2
16	B3-210-30	RETAINER, bearing .....	2
17	B3-210-31	BEARING .....	2
18	B9-210-80	SCREW, ctsk. allen head .....	6
19	B3-420-02	HOUSING, BOM lower .....	1
	B3-420-03	BUSHING .....	2
20	B3-420-04	SHAFT, main spring .....	1
21	B3-420-11	SPRING, S.N. 01030032&L .....	1
	B3-420-05	SPRING, S.N. 01030031&P .....	1
22	B3-310-11	SCREW, ctsk. allen head, M5 x 10 .....	3
23	B3-420-09	SCREW .....	1
24	B3-420-07	HOUSING, brush block .....	1
	B3-420-07-1	HOUSING, brush block, ST29TV, S.N. 04010614 & L. ....	1
25	B3-210-05	BRUSH BLOCK .....	1
	B3-410-05	BRUSH BLOCK, TV (part of assembly) .....	1
26	B3-420-10	SCREW, phillips .....	2
	B3-420-12	SCREW, set, M5 x 10, S.N. 04010614 & L. ....	3
27	B3-420-06	ARM, yoke support .....	1
	B3-420-06-1	ARM, yoke support, ST29TV, S.N. 04010614 & L. ....	1
28	B3-420-08	COVER, adjustment .....	1
29	B3-410-03	SCREW .....	2
30	B3-410-11	NUT, spring adjustment .....	1
31	B3-410-12	COLLAR, adjustment nut .....	1
32	B3-410-13	WASHER, spring .....	1
33	B3-210-11	BEARING .....	1
34	B3-310-12	NUT .....	1
35	B3-210-04	SLIP RING .....	1
	B3-410-05	SLIP RING, TV (part of assembly) .....	1
36	B9-210-69	WASHER, M4 .....	4
37	B9-210-28	SCREW, phillips head, M4x8 .....	4
38	B3-310-13	MOUNT, brush block .....	1
39	B9-310-06	SCREW, set .....	A/R
40	B3-310-01	VERTICAL SUPPORT TUBE .....	1
	B3-410-01	VERTICAL SUPPORT TUBE, TV .....	1

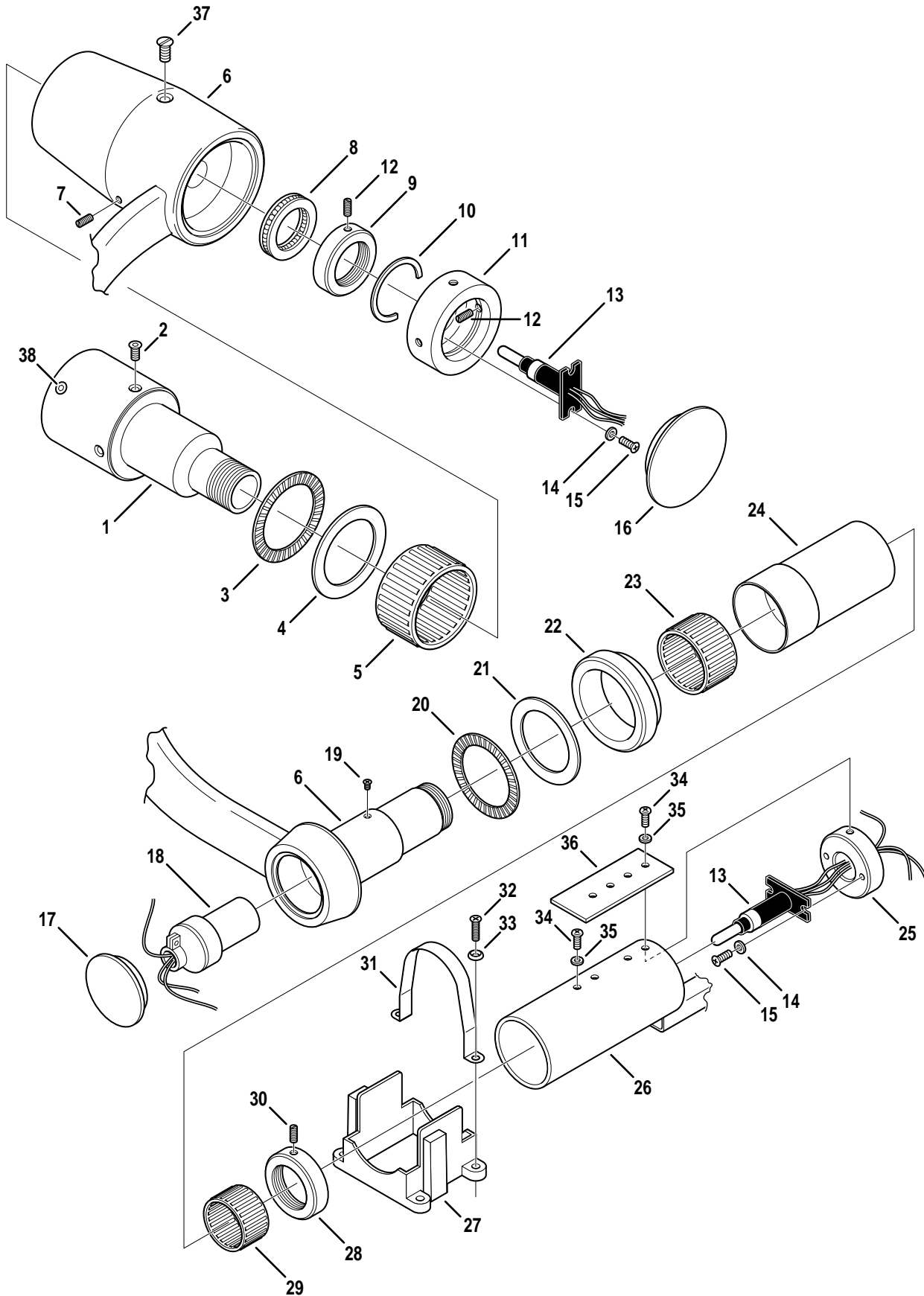
#### 4. LIGHTHEAD YOKE ASSEMBLY MODEL ST23



## 4. LIGHTHEAD YOKE ASSEMBLY MODEL ST23

Item	Part No.	Description	Qty.
1	B9-310-60	SCREW, set .....	1
2	B3-220-10	NUT .....	1
3	B3-310-17	BUSHING .....	1
4	B1-410-81	BEARING BODY ASSEMBLY .....	1
5	B3-220-13	•BEARING, needle .....	1
6	B3-220-14	•WASHER, wear .....	1
7	B9-210-33	SCREW .....	1
8	B1-410-03	YOKE .....	1
9	B3-210-05	BRUSH BLOCK .....	2
	B3-410-05	BRUSH BLOCK, TV (part of assembly) .....	2
10	B1-220-08	COVER, yoke .....	2
11	B1-410-04	SCREW .....	1
12	B1-410-05	BEARING, thrust .....	1
13	B1-410-06	WASHER, thrust bearing .....	1
14	B1-410-07	COVER .....	1
15	B1-410-08	BEARING, needle .....	1
16	B1-410-09	BEARING BODY .....	1
17	B1-410-25	MOUNT, slip ring .....	1
18	B3-210-04	SLIP RING .....	1
	B3-410-05	SLIP RING, TV (part of assembly) .....	1
19	B9-210-69	WASHER, M4 .....	2
20	B9-210-28	SCREW, phillips head, M4 x 8 .....	2
21	B1-410-10	FRAME, inner support, ST23 .....	1
22	B1-410-12	MOUNT .....	1
23	B1-410-13	NUT .....	1
24	B1-410-14	BEARING, needle .....	1
25	B9-410-07	SCREW, set .....	1
26	B1-410-15	BAND .....	2
27	B9-410-09	SCREW, phillips head, M4 x 15 .....	4
28	B9-410-08	WASHER .....	4
29	B9-410-10	SCREW, M4 x 10 .....	A/R
30	B9-210-69	WASHER, M4 .....	A/R
31	B1-410-16	WEIGHT, balance .....	A/R

## 5. LIGHTHEAD YOKE ASSEMBLY MODEL ST29

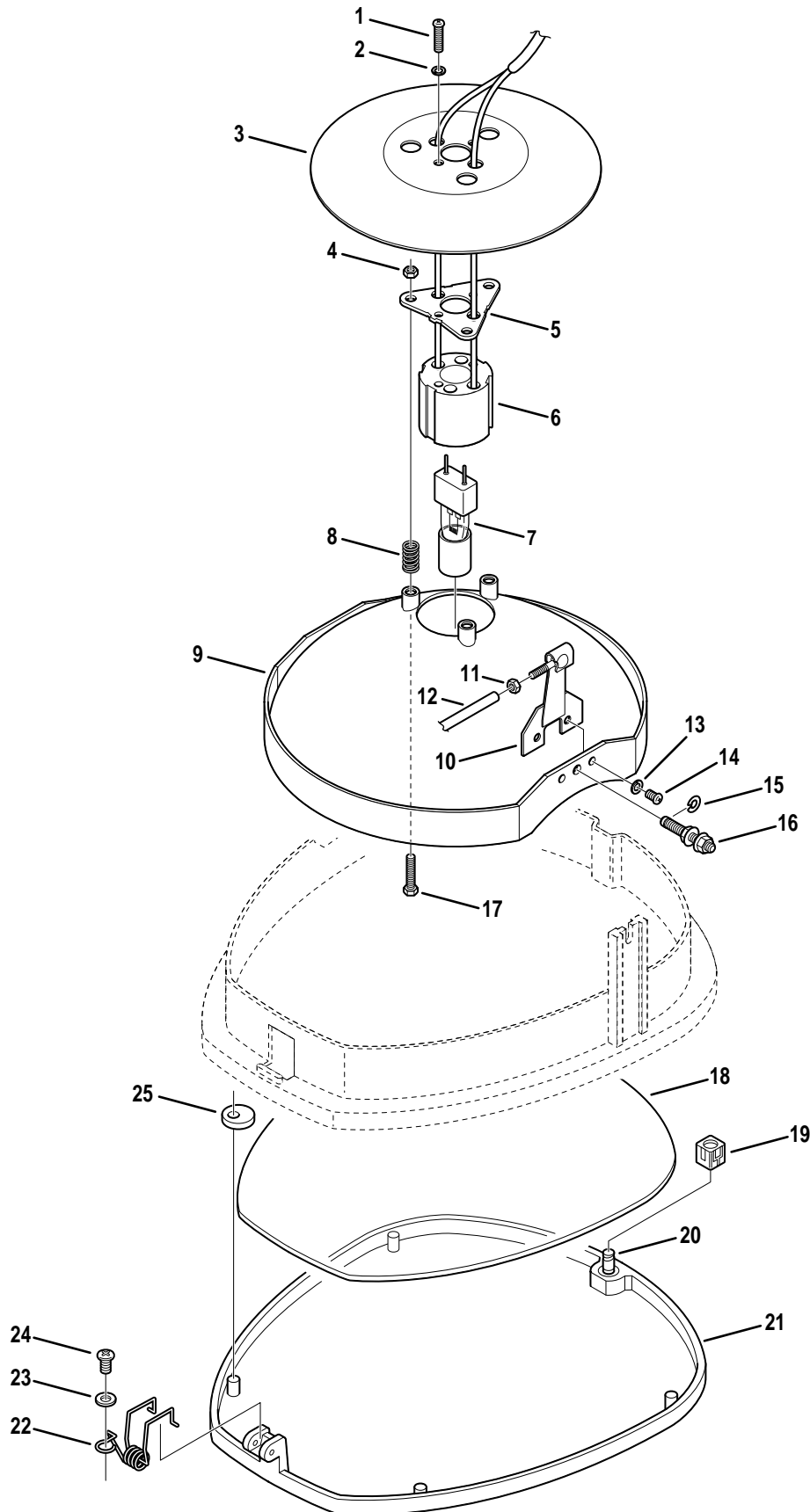




## 5. LIGHTHEAD YOKE ASSEMBLY MODEL ST29

Item	Part No.	Description	Qty.
1	B1-410-17	COLLAR AND BEARING SHAFT .....	1
	B1-410-17-1	COLLAR AND BEARING SHAFT, ST29TV, S.N. 04010614 & L. ....	1
2	B9-410-12	SCREW, M5 x 15 .....	3
3	B1-410-18	BEARING, thrust .....	1
4	B1-410-19	WASHER, thrust bearing .....	1
5	B1-410-20	BEARING, needle .....	1
6	B1-410-21	YOKE, ST29 .....	1
7	B9-410-13	SCREW, set, M4 x 8, cup point .....	1
8	B1-410-22	BEARING .....	1
9	B1-410-23	NUT .....	1
10	B1-410-24	SNAP RING .....	1
11	B1-410-25	MOUNT, slip ring .....	1
	B1-410-25-1	MOUNT, slip ring, ST29TV, S.N. 04010614 & L. ....	1
12	B9-410-14	SCREW, set, M4 x 8, cone point .....	1
13	B3-210-04	SLIP RING .....	2
	B3-410-05	SLIP RING, TV (part of assembly) .....	2
14	B9-210-69	WASHER, M4 .....	4
15	B9-210-28	SCREW, phillips head, M4 x 8 .....	4
16	B1-410-26	COVER, yoke .....	1
17	B1-220-08	COVER, yoke .....	2
18	B3-210-05	BRUSH BLOCK .....	2
	B3-410-05	BRUSH BLOCK, TV (part of assembly) .....	2
19	B1-410-04	SCREW .....	1
20	B1-410-05	BEARING, thrust .....	1
21	B1-410-06	WASHER, thrust bearing .....	1
22	B1-410-07	COVER .....	1
23	B1-410-08	BEARING, needle .....	1
24	B1-410-09	BEARING BODY .....	1
25	B1-410-10	MOUNT, slip ring .....	1
26	B1-410-11	FRAME, inner support, ST29 .....	1
27	B1-410-12	MOUNT .....	1
28	B1-410-13	NUT .....	1
29	B1-410-14	BEARING, needle .....	1
30	B9-410-07	SCREW, set .....	1
31	B1-410-15	BAND .....	2
32	B9-410-09	SCREW, phillips head, M4 x 15 .....	4
33	B9-410-08	WASHER .....	4
34	B9-410-10	SCREW, M4 x 10 .....	A/R
35	B9-210-69	WASHER, M4 .....	A/R
36	B1-410-16	WEIGHT, balance .....	A/R
37	B1-410-79	SCREW, brake .....	1
38	B9-410-11	SCREW, M5 x 8 .....	A/R

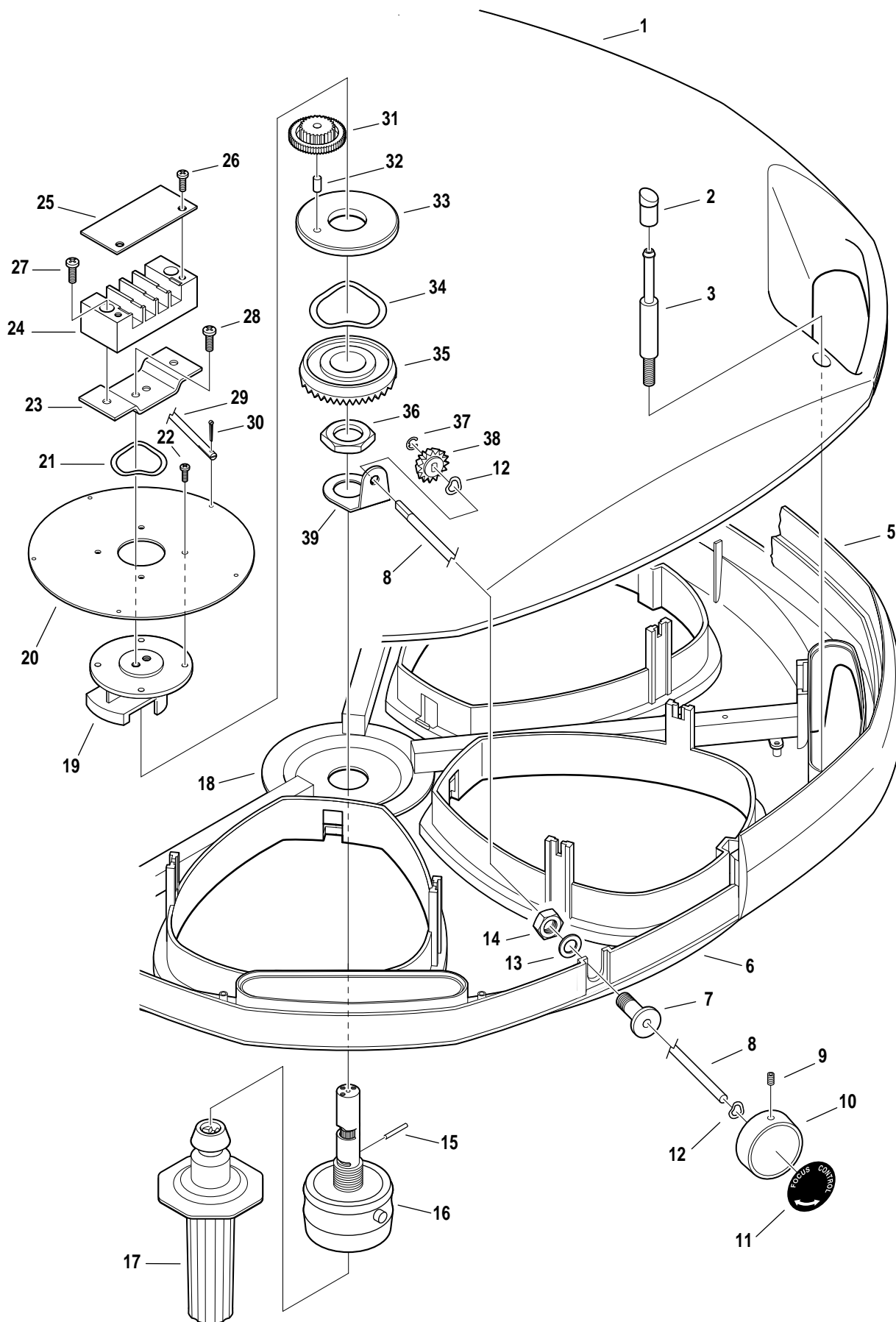
## 6. BULB AND RELECTOR ASSEMBLY



## 6. BULB AND REFLECTOR ASSEMBLY

Item	Part No.	Description	Qty.
1	B9-410-15	SCREW, phillips, M3 x 25 .....	2
2	B9-410-16	WASHER, M3 .....	2
3	B1-410-27	HEAT SINK .....	1
4	B9-410-17	NUT, hex, M4 .....	3
5	B1-410-28	MOUNT, bulb socket .....	1
6	B1-410-29	SOCKET, bulb .....	1
7	B1-010-28	BULB, halogen, 24501 .....	1
8	B1-410-30	SPRING .....	3
9	B1-410-31	REFLECTOR .....	1
10	B1-410-32	LINK, focus .....	1
11	B9-410-18	NUT .....	1
12	B1-410-33	ROD, focus, ST23 .....	1
	B1-410-34	ROD, focus, ST29 .....	1
13	B9-410-19	WASHER .....	2
14	B9-410-20	SCREW .....	2
15	B9-410-21	E-RING .....	2
16	B1-410-35	PIVOT HARDWARE .....	2
17	B9-410-22	BOLT, hex, M4 x 20 .....	3
--	B1-410-77	DIFFUSER/FILTER ASSEMBLY .....	1
18	B1-410-36	FILTER .....	1
19	B1-410-37	RETAINER, 1/4 turn screw .....	1
20	B1-410-38	SCREW, 1/4 turn .....	1
21	B1-410-39	DIFFUSER .....	1
22	B1-410-40	RETAINER, diffuser .....	1
23	B9-410-23	WASHER .....	1
24	B9-410-24	SCREW .....	1
25	B1-410-41	MOUNT, filter .....	4

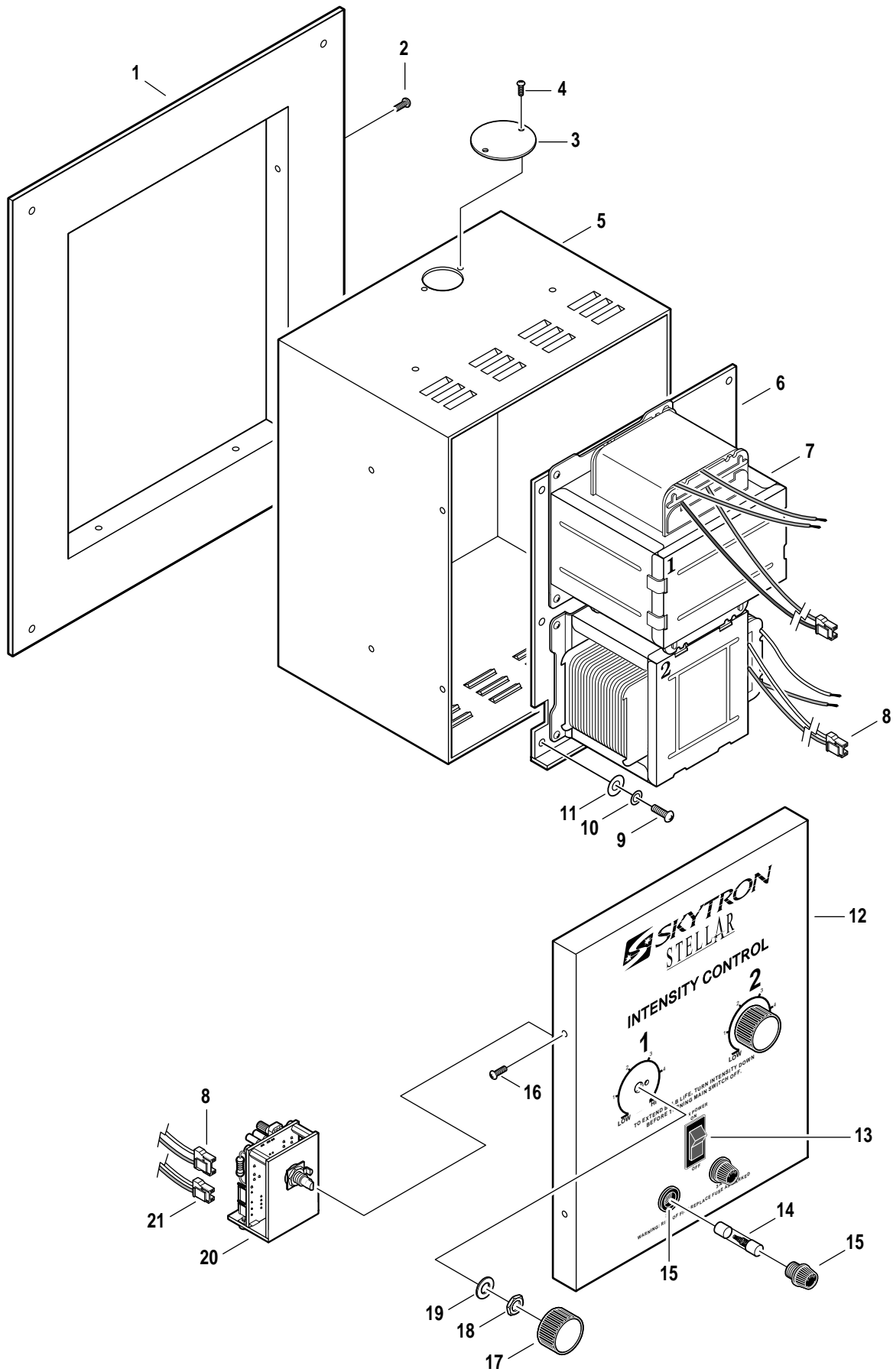
## 7. FOCUS MECHANISM ASSEMBLY



## 7. FOCUS MECHANISM ASSEMBLY

Item	Part No.	Description	Qty.
	B1-410-01	LIGHTHEAD ASSEMBLY, ST23 .....	A/R
	B1-410-02	LIGHTHEAD ASSEMBLY, ST29 .....	A/R
1	B1-410-69	TOP COVER, ST23 .....	1
	B1-410-70	TOP COVER, ST29 .....	1
2	B1-410-73-1	CAP .....	A/R
3	B1-410-78	BOLT, cap mount .....	A/R
5	B1-410-67	TRIM SEAL, ST23 .....	1
	B1-410-68	TRIM SEAL, ST29 .....	1
6	B1-410-65	FRONT FACE, ST23 .....	1
	B1-410-66	FRONT FACE, ST29 .....	1
7	B1-410-60	SUPPORT, focus shaft .....	1
8	B1-410-53	SHAFT, focus, ST23 .....	1
	B1-410-54	SHAFT, focus, ST29 .....	1
9	B1-410-61	SCREW, set .....	2
10	B1-410-63	KNOB, focus .....	1
11	B1-410-62	LABEL, focus control .....	1
12	B1-410-55	WASHER, wave .....	2
13	B1-410-59	WASHER .....	1
14	B1-410-58	NUT .....	1
15	B1-410-50	PIN .....	1
16	B1-410-64	C.F. ENGAGEMENT HEAD ASSEMBLY .....	1
17	B1-210-50	HANDLE, sterilizable, focus/positioning .....	1
18	B1-410-10	FRAME, inner support, ST23 .....	1
	B1-410-11	FRAME, inner support, ST29 .....	1
19	B1-410-44	GEAR RACK AND PIVOT .....	1
20	B1-410-42	FOCUS RING, ST23 .....	1
	B1-410-43	FOCUS RING, ST29 .....	1
21	B1-210-32	WASHER, wave .....	1
22	B9-410-44	SCREW, self tapping, M3 x 8 .....	4
23	B1-210-33	BRACKET, terminal strip mounting .....	1
24	B1-210-34	TERMINAL STRIP .....	1
25	B1-210-35	•COVER, terminal strip .....	1
26	B9-210-35	•SCREW, terminal strip cover .....	2
27	B9-210-34	SCREW, terminal strip mounting .....	2
28	B9-210-36	SCREW, bracket mounting .....	2
29	B1-410-33	ROD, focus, ST23 .....	5
	B1-410-34	ROD, focus, ST29 .....	7
30	B1-010-12	PIN, cotter .....	A/R
31	B1-410-45	GEAR .....	1
32	B1-410-46	PIN, gear pivot .....	1
33	B1-410-47	MOUNT, gear .....	1
34	B1-410-48	WASHER, wave .....	1
35	B1-410-49	GEAR, bevel .....	1
36	B1-410-51	NUT .....	1
37	B1-410-57	E-RING .....	1
38	B1-410-56	GEAR, pinion .....	1
39	B1-410-52	MOUNT, focus rod .....	1

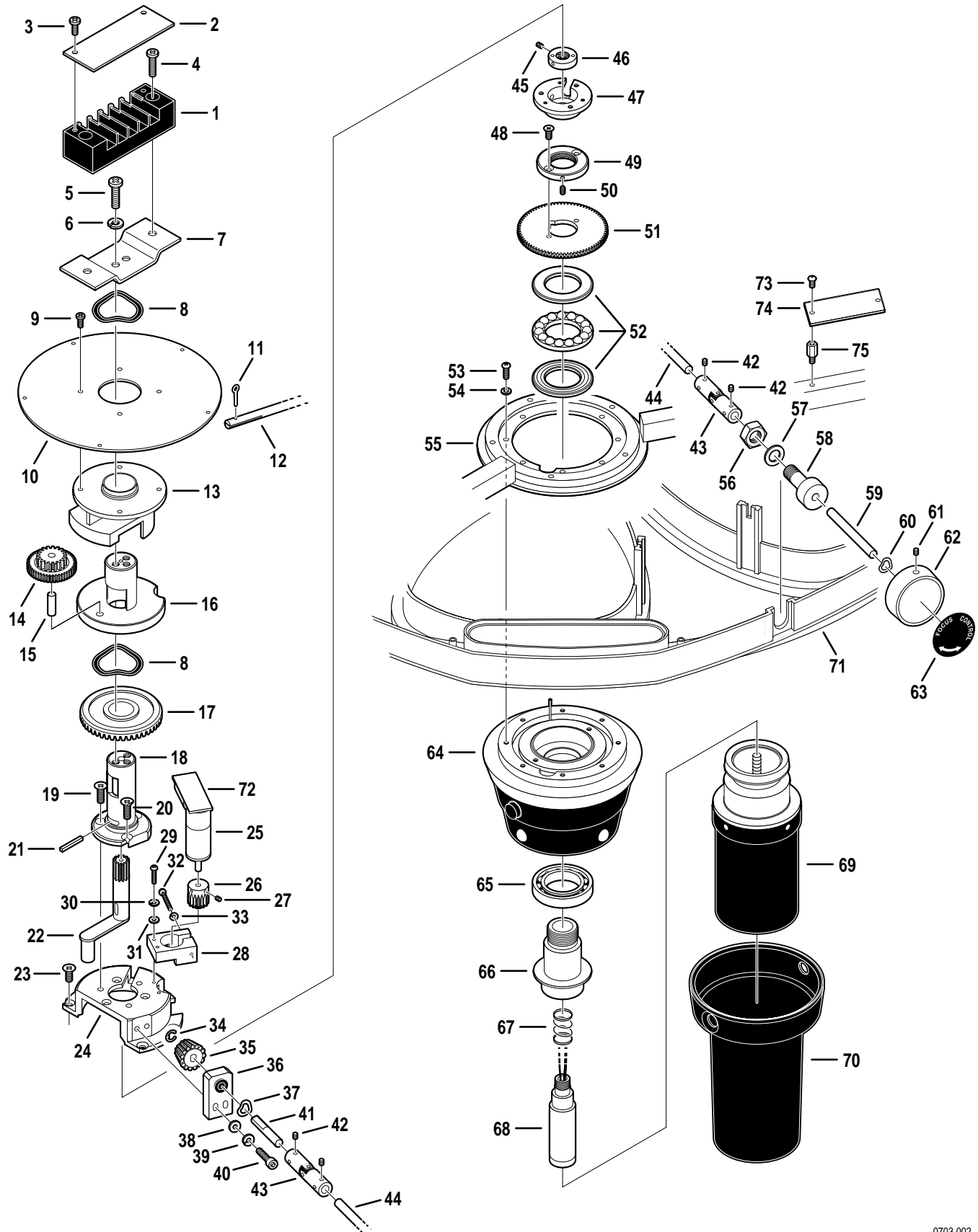
## 8. WALL CONTROL ASSEMBLY



## 8. WALL CONTROL ASSEMBLY

Item	Part No.	Description	Qty.
	B9-410-01	WALLCONTROL, ST23, ST23TV .....	A/R
	B9-410-02	WALL CONTROL, ST2323, ST2323TV .....	A/R
	B9-410-03	WALL CONTROL, ST232323, ST232323TV .....	A/R
	B9-410-04	WALL CONTROL, ST29, ST29TV .....	A/R
	B9-410-05	WALL CONTROL, ST2923, ST29TV23, ST2923TV .....	A/R
	B9-410-06	WALL CONTROL, ST292323, ST29TV2323, ST292323TV .....	A/R
1	B9-310-07	FLANGE, recess mount, single or dual .....	1
	B9-310-08	FLANGE, recess mount, triple .....	1
2	B9-210-40	SCREW, flange mounting .....	8
3	B9-210-09	COVER, electrical access .....	1
4	B9-210-41	SCREW, cover mounting .....	2
5	B9-410-27	HOUSING, wall control, single or dual .....	1
	B9-410-28	HOUSING, wall control, triple .....	1
6	B9-410-29	PLATE, transformer mount, ST23 .....	1
	B9-410-30	PLATE, transformer mount, ST2323 .....	1
	B9-410-31	PLATE, transformer mount, ST232323 .....	1
	B9-410-32	PLATE, transformer mount, ST29 .....	1
	B9-410-33	PLATE, transformer mount, ST2923 .....	1
	B9-410-34	PLATE, transformer mount, ST292323 .....	1
7	B9-410-25	TRANSFORMER, ST23 .....	A/R
	B9-410-26	TRANSFORMER, ST29 .....	A/R
8	B9-410-35	CONNECTOR, 2 pin .....	A/R
9	B9-310-29	SCREW .....	A/R
10	B9-310-30	WASHER, lock .....	A/R
11	B9-310-31	WASHER, flat .....	A/R
12	B9-410-36	PANEL, wall control front, ST23 .....	1
	B9-410-37	PANEL, wall control front, ST2323 .....	1
	B9-410-38	PANEL, wall control front, ST232323 .....	1
	B9-410-39	PANEL, wall control front, ST29 .....	1
	B9-410-40	PANEL, wall control front, ST2923 .....	1
	B9-410-41	PANEL, wall control front, ST292323 .....	1
13	B9-210-16	SWITCH, main power .....	1
14	B9-210-21	FUSE, 250V, 3A .....	A/R
	B9-210-22	FUSE, 250V, 5A .....	A/R
15	B9-310-25	FUSE HOLDER .....	A/R
16	B9-210-43	SCREW w/ washers .....	4
17	B9-210-20	KNOB, dimmer control .....	A/R
18	B9-210-71	NUT, dimmer control .....	A/R
19	B9-210-70	WASHER .....	A/R
20	B9-410-42	DIMMER CONTROL ASSEMBLY .....	A/R
21	B9-410-43	CONNECTOR, 2 pin .....	A/R

## 9. TV LIGHTHEAD COMPONENTS



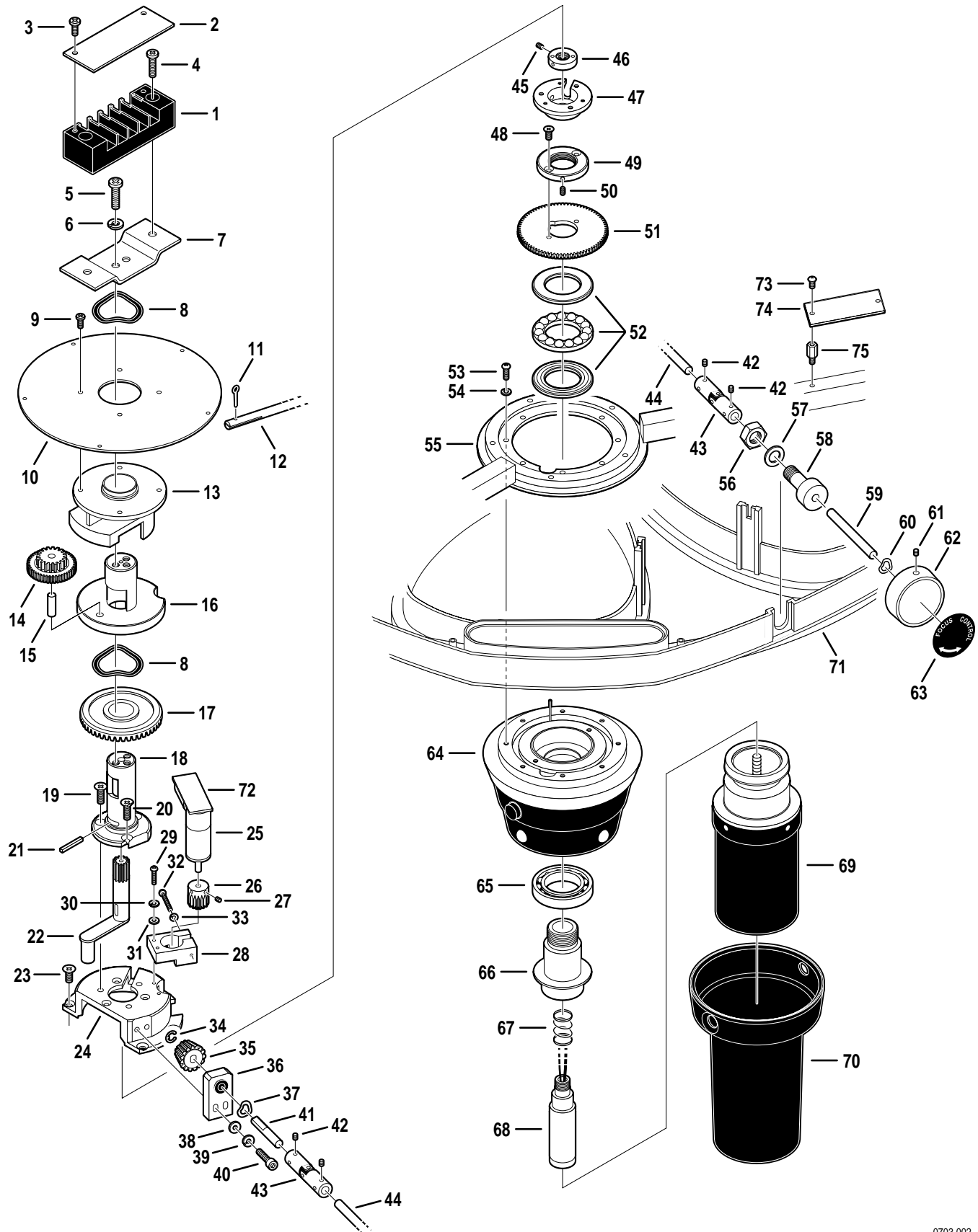
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## 9. TV LIGHTHEAD COMPONENTS

Item	Part No.	Description	Qty.
1	B1-420-40	TERMINAL STRIP .....	1
2	B1-420-41	•COVER, terminal strip .....	1
3	B9-210-35	•SCREW, terminal strip cover .....	2
4	B9-210-34	SCREW, terminal strip mounting .....	2
5	B1-420-42	SCREW, bracket mounting .....	2
6	B1-420-43	WASHER, lock .....	2
7	B1-420-44	BRACKET, terminal strip mounting .....	1
8	B1-420-45	WASHER, wave .....	2
9	B9-410-13	SCREW, self-tapping, M3 x 8 .....	4
10	B1-410-42	FOCUS RING, ST23TV .....	1
	B1-410-43	FOCUS RING, ST29TV .....	1
11	B1-010-12	PIN, cotter .....	A/R
12	B1-410-33	ROD, focus, ST23TV .....	5
	B1-410-34	ROD, focus, ST29TV .....	7
13	B1-420-46	GEAR RACK & PIVOT .....	1
14	B1-410-45	GEAR .....	1
15	B1-410-46	PIN, gear pivot .....	1
16	B1-420-47	MOUNT, gear .....	1
17	B1-410-49	GEAR, bevel .....	1
18	B1-420-48	ENGAGEMENT HEAD .....	1
19	B1-420-49	SCREW, phillips, countersunk .....	2
20	B1-420-50	SCREW, phillips, countersunk (special) .....	1
21	B1-420-51	PIN, square .....	1
22	B1-420-52	LINK, gear .....	1
23	B1-420-53	SCREW, phillips, countersunk .....	A/R
24	B1-420-54	MOUNT .....	1
25	B1-420-55	MOTOR .....	1
26	B1-420-56	GEAR .....	1
27	B1-420-57	SCREW, set .....	A/R
28	B1-420-58	MOTOR MOUNT .....	1
29	B1-420-59	SCREW .....	2
30	B1-420-60	WASHER, lock .....	2
31	B1-420-61	WASHER, flat .....	2
32	B1-420-62	SCREW .....	1
33	B1-420-63	WASHER, lock .....	1
34	B1-420-64	E-RING .....	1
35	B1-410-56	GEAR, pinion .....	1
36	B1-420-65	PILLOW BLOCK .....	1
37	B1-410-48	WASHER, wave .....	1
38	B1-420-93	WASHER, flat .....	2
39	B1-420-66	WASHER, lock .....	2
40	B1-420-67	BOLT, allen .....	2
41	B1-420-68	SHAFT .....	1
42	B1-420-69	SCREW, set .....	4
43	B1-420-70	UNIVERSAL JOINT .....	2
44	B1-420-71	SHAFT, intermediate focus, ST23TV .....	1
	B1-420-72	SHAFT, intermediate focus, ST29TV .....	1
45	B1-420-73	SCREW, set .....	A/R
46	B1-420-74	NUT .....	1
47	B1-420-75	CASE .....	1

# 9. TV LIGHTHEAD COMPONENTS ( continued)



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## 9. TV LIGHTHEAD COMPONENTS (continued)

Item	Part No.	Description	Qty.
48	B1-420-76	SCREW .....	2
49	B1-420-77	NUT .....	1
50	B1-420-78	SCREW, set .....	A/R
51	B1-420-79	GEAR .....	1
52	B1-420-80	THRUST BEARING ASSEMBLY .....	1
53	B1-420-81	SCREW .....	A/R
54	B1-420-82	WASHER, lock .....	A/R
55	B1-420-83	FRAME, inner support, ST23TV .....	1
	B1-420-84	FRAME, inner support, ST29TV .....	1
56	B1-410-58	NUT .....	1
57	B1-410-59	WASHER .....	1
58	B1-410-60	SUPPORT, focus shaft .....	1
59	B1-420-85	SHAFT, focus .....	1
60	B1-410-55	WASHER, wave .....	1
61	B1-410-61	SCREW, set .....	A/R
62	B1-410-63	KNOB, focus .....	1
63	B1-410-62	LABEL, focus control .....	1
64	B1-420-86	HOUSING .....	1
65	B1-420-87	BEARING .....	1
66	B1-420-88	PIVOT .....	1
67	B1-420-89	SPRING .....	1
68	B1-420-90	CAMERA CONNECTOR .....	1
69	B1-420-08	CAMERA, TVII .....	1
	B1-420-03-NE	CAMERA, TVII, non EMI .....	1
	B1-420-03	CAMERA, TVI .....	1
70	B1-410-80	SLEEVE, sterilizable, camera cover .....	1
71	B1-420-91	FRONT FACE, ST23TV .....	1
	B1-420-92	FRONT FACE, ST29TV .....	1
72	B1-421-06	CIRCUIT BOARD, motor .....	1
73	B1-420-94	SCREW .....	2
74	B1-421-04	CIRCUIT BOARD .....	1
75	B1-421-05	STAND-OFF .....	2
NS	B1-420-30	FACEPLATE & CONNECTOR, camera control .....	1
NS	B1-420-07	CAMERA CONTROL UNIT, TVII .....	1
	B1-420-01-NE	CAMERA CONTROL UNIT, TVII, non EMI .....	1
NS	B1-420-01	CAMERA CONTROL UNIT, TVI .....	1
NS	B1-420-02	COUNTERWEIGHT .....	1

*TVI and TVII items are not compatible*

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